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☒ 2W1C

STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR

Characteristics
Classification
Compound

Release Date: 27-Jan-2009 Exp. R
 Resolution: 3.24 Å
 Transferase
 Molecule: SERINE/THREONINE-PR
 Polymer: 1 Type: polypeptide
 Chains: A
 EC#: 2.7.11.1
 Fragment: KINASE DOMAIN, RESID

Authors

Howard, S. , Berdini, V. , Boi
 M.G. , Cross, D.M. , Curry, J.
 Early, T.R. , Fazal, L. , Gill, A.
 Maman, S. , Matthews, J.E. ,
 Navarro, E.F. , O'Brien, M.A. ,
 D.C. , Reule, M. , Tisi, D. ,
 Vinkovic, M. , Wyatt, P.G.

☒ 2W1D

STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR

Characteristics
Classification
Compound

Release Date: 27-Jan-2009 Exp. R
 Resolution: 2.97 Å
 Transferase
 Molecule: SERINE/THREONINE-PR
 Polymer: 1 Type: polypeptide
 Chains: A
 EC#: 2.7.11.1
 Fragment: KINASE DOMAIN, RESID

Authors

Howard, S. , Berdini, V. , Boi
 M.G. , Cross, D.M. , Curry, J.
 Early, T.R. , Fazal, L. , Gill, A.
 Maman, S. , Matthews, J.E. ,
 Navarro, E.F. , O'Brien, M.A. ,
 D.C. , Reule, M. , Tisi, D. ,
 Vinkovic, M. , Wyatt, P.G.

☒ 2W1G

STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR

Characteristics
Classification
Compound

Release Date: 27-Jan-2009 Exp. R
 Resolution: 2.71 Å
 Transferase
 Molecule: SERINE/THREONINE-PR



Authors

Polymer: 1 Type: polypeptide
 Chains: A
 EC#: 2.7.1.1.1
 Fragment: KINASE, RESIDUES 122-389
Howard, S. , Berdini, V. , Boi M.G. , Cross, D.M. , Curry, J. , Early, T.R. , Fazal, L. , Gill, A. , Maman, S. , Matthews, J.E. , Navarro, E.F. , O'Brien, M.A. , D.C. , Reule, M. , Tisi, D. , Vinkovic, M. , Wyatt, P.G.



STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR

Characteristics
Classification
Compound

Release Date: 27-Jan-2009 Exp. N
 Resolution: 2.85 Å
 Transferase
 Molecule: SERINE/THREONINE-PR
 Polymer: 1 Type: polypeptide
 Chains: A
 EC#: 2.7.1.1.1
 Fragment: RESIDUES 122-389

Authors

Howard, S. , Berdini, V. , Boi M.G. , Cross, D.M. , Curry, J. , Early, T.R. , Fazal, L. , Gill, A. , Maman, S. , Matthews, J.E. , Navarro, E.F. , O'Brien, M.A. , D.C. , Reule, M. , Tisi, D. , Vinkovic, M. , Wyatt, P.G.



STRUCTURE DETERMINATION OF AURORA KINASE INHIBITOR

Characteristics
Classification
Compound

Release Date: 27-Jan-2009 Exp. N
 Resolution: 2.93 Å
 Transferase
 Molecule: SERINE/THREONINE-PR
 Polymer: 1 Type: polypeptide
 Chains: A
 EC#: 2.7.1.1.1
 Fragment: KINASE DOMAIN, RESID

Authors

Howard, S. , Berdini, V. , Boi M.G. , Cross, D.M. , Curry, J. , Early, T.R. , Fazal, L. , Gill, A. , Maman, S. , Matthews, J.E. , Navarro, E.F. , O'Brien, M.A. , D.C. , Reule, M. , Tisi, D. , Vinkovic, M. , Wyatt, P.G.



AURORA A KINASE ACTIVATED MUTANT (T287D) IN ADPNP

Characteristics
Classification
Compound

Release Date: 11-Jan-2006 Exp. N
 Resolution: 2.20 Å
 Transferase
 Molecule: SERINE/THREONINE-PR
 Polymer: 1 Type: polypeptide
 Chains: A
 EC#: 2.7.1.37
 Fragment: CATALYTIC KINASE DOM
 Mutation: YES

Authors

Paupit, R.A. , Pannifer, A.D. ,


Mcmiken, H.H.J. , Rowsell, S.

☒ 3E5A


Crystal structure of Aurora A in complex with VX-680

Characteristics Release Date: 28-Oct-2008 Exp. N
Resolution: 2.30 Å

Classification **Transferase**

Compound Molecule: Serine/threonine-protein
Polymer: 1 Type: polypeptide
Chains: A
EC#: 2.7.11.1 
Fragment: Residues 122-403

Molecule: Targeting protein for Xkl
Polymer: 2 Type: polypeptide
Chains: B
Fragment: Residues 1-43


Authors Zhao, B. , Smallwood, A. , La

☒ 2C6E


AURORA A KINASE ACTIVATED MUTANT (T287D) IN COMPLEX WITH AN AMINOPYRIMIDINYL QUINAZOLINE INHIBITOR

Characteristics Release Date: 11-Jan-2006 Exp. N
Resolution: 2.10 Å

Classification **Transferase/Inhibitor**

Compound Molecule: SERINE/THREONINE-PR
Polymer: 1 Type: polypeptide
Chains: A, B
EC#: 2.7.1.37 
Fragment: CATALYTIC KINASE DOM
Mutation: YES


Authors Pauptit, R.A. , Pannifer, A.D. ,
Mcmiken, H.H.J. , Rowsell, S.

☒ 1OL7


STRUCTURE OF HUMAN AURORA-A 122-403 PHOSPHOTHR287, THR288

Characteristics Release Date: 30-Oct-2003 Exp. N
Resolution: 2.75 Å

Classification **Kinase**

Compound Molecule: SERINE/THREONINE
Polymer: 1 Type: polypep
Chains: A
EC#: 2.7.1.37 
Fragment: CATALYTIC DOMAIN,
Other Details: PHOSPHORYLATED C


Authors Bayliss, R. , Contl, E.

☒ 2W1H


FRAGMENT-BASED DISCOVERY OF THE PYRAZOL-4 MULTI-TARGETED KINASE INHIBITOR WITH POTENT ACTIVITY

Characteristics Release Date: 27-Jan-2009 Exp. N
Resolution: 2.15 Å

Classification **Transferase**

Compound Molecule: CELL DIVISION PROTEIN
Polymer: 1 Type: polypeptide
Chains: A
EC#: 2.7.1.37 

Authors Howard, S. , Berdini, V. , Boi
M.G. , Cross, D.M. , Curry, J.
Early, T.R. , Fazal, L. , Gill, A
Maman, S. , Matthews, J.E. ,

Navarro, E.F. , O'Brien, M.A. ,
D.C. , Reule, M. , Tisi, D. ,
Vinkovic, M. , Wyatt, P.G.

1 2 3 4 5 

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